a Thesis By George Thift Of Popel March 5th 1847 W. 2. M Vorginia On Cholera Infantum 1826

J. G. Com 9611 The dera Infanteem this assesse becomes most presalant, and is allended with Symptoms of the greatest damyer during the harm manches of summer and beginning of Autumn I prevails in most of the

Large Towns of the Miles States. It generally occurs in the Sauchen States in Cepiel and May, but I am more more Miles and May, but I am youk until Jum, or July and continues generally lite the latter ind of Se Blimber. Chiedren are most subject to do attacks from about the fifth or Sight manch, until the

and ming link bear inform While was to him for their yester unter Person in lasty and con Mack from deal to tel

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Second year of their age. It allacks them accasionally at a later period, but not with Such Vialence, nor in so dangeraug a farm. The predisposing cause of Cholira Infantumo, is the marmit and impurity of the air of large lities, Vileages, and Country Seals, The Chief exciting causes, improprietics in articles of clothing and Deet. Indden Changes in the almosphers from heat, to cold, and from dryness to humidely, are also calculated to bring it into action. The fruits of the Season, are a most prolifick source of this disease,

They in addlered of clothers

chedren under them there of year, should insuly very sportingly in their was Cholera infantum is often aggresiated by teething, worms, primatures meaning. 46

Symptom, It sometimes cames an wint a Dianchara, which continues for several days without any other symptom of indisposition, but in its more violent forms, then are vanitings, and prograys, or attending with each other, and alterday with no income sixulate spasmodick unear sixulate spasmodick unear sixulates, Canstituting the Cholena Morbus of pursons for

ungly in June me Photois comes on mick a Penterhan. which continue for summe cary michael an other sand its more printent former du economic at the same line and attended with me income Singles Combleting she Classes was the

Ther advanced in life. The fiver which soon supervines, is of the remetient lype, with evident exacertalians in the evening. The pulse is usualby small, quick, and fuble, or unitated, and charded. The head is much offeeled, as in manifested by a linding to speepor, or delirium, or some time, even to mania. This Embral offection is also de noted by the eyes, they are either fierce, or languid in expression, and where the patient sleeps, are half closed. In same instances the insens sibility of the Systems is so quat, that flux alight

and not expecting a dia de

on the uper when has fopen with-

with exercing a motion in the eyelist for their removal. The thirst is intense, and no decent is balanlable but cold mater, which is

rijected soon after it is swal-

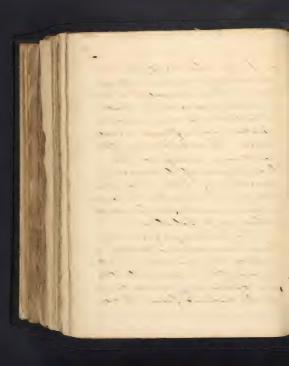
peralue is uneaquae, the

head regions of the seamach to bowels bring that, which the

is sometimes white & fund, at

of hers dry & polished

The discharges from the bowels are various, most feer quently they are watery or stem my and often linged mich 1622, and containing made lumps of the notioned faces. The tolow



is green, yellow, or bluish, white, or browns, and they may be inodoraces, or very offinsivo

The irrelability of the atimore is any land, is sometimes so great, that whatever is taken into the Stomach to piece, happen

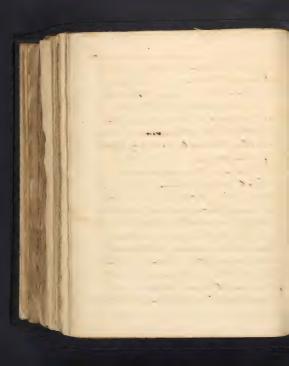
of mattered

where we few denances in which imancation manual of ide, Take, place. The chied vectomes palein, and the flat of laby, and the cammon in

legiments hang in folas, livid & boto appear, followed by relevations, the abdomen becomes turned, the feet adematains;

The march and longers are

Covered with a 5 htma, The Check



are Sunkers, The mase is Sharp, The lips become & hireles, the Shin on the farehead is tight as if bound to the bond, and the eyer are Sunker. Gun under them menacing lincums Staness, which would seem to denote immediate defrolutiono, life in some instance, is protracted for facer or ine weeks, and the palient may ultimately recover. But as death approaches, the Sign plams are gradually aggran vated, the mind as wice as The Senses, is obliese, the child thrusts its fingers into the back hack of the mouth, as if de-Sirous la remove samulhing



from the throat. The is a copy talline cruption on the chest of innumerable watery Vincles of a very minute sign. a line morm or morms sometimes escape in this stage of the disease. The live last symptoms I believe more first notices by lor Dewees, and which by him in conjunction with the one immediately preceding them on said to be always fature In some instances the progrefs of this disease is more rapid, especially which it puts on the Character of Chalera marbus, or Bysentery and news the course of these offections. Death in the farmer of

. . .

these instances may accer in twenty fair hours, and in the latter from three to ten ar , often days The peculiar symptoms of this disease, in its genuine form, will always Serve to distinguish it from any other, therefore I shave not dwell on its Diagnasis. Where it hoils and The character of Cholera martus, Mysenting of Diarrhoeds, it may be considered as Such and trated accordingly . It may be confounded with the whilalians of leethings and that produced by warms. The Season of the year, the mide spreading of Cholira.



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Infantum, and the Becertian symproms of there two diseases, well sure to distinguish them from the subject of this efect,

It is how that cholera In:

fautum, like other Lasho-

Catter is more Wistent and

diffusive under the Garticular a bidemia influence of the

Searan

The Pragnosis is by farmers imbarrafing, since death some lines to his blace most unexpected, and recoveries occur sender circumstances, appendig most desperate. When in the farm of Cholera Maches, it



frequently hover Suddenly falae . But me may consider the patient as doing mee, When there is restoration of Timperator, the prelse biesming fuller, I cower, and mon malurae. a Subsidence of the virilabelity of the Stomach and vawees, the Store, assuming a healthy aspect, denoting a restaration of the functions of the River and other apparatus, without which a recovery can not be expected. Ungarounable. The absence of the favourable sympsoms above enumerated, incepant Namiting of whatever is taken



into the Stomach, Cold damp Eurface, Lank haggard louns tonance, Small threaded Jules, much general general worlditing, poor ging of gray Colaruna Stoods, as where the Stoods are of a bink closer, as of quary filia ways, the chiea Stuping with his cys half closes, Camaton, or with accasional conventions.

In Theoreaced cases, there are affusions on the serous Sun aces, and them the Viscous of the thorax may suffer and the brain, as in Hydro and the brain, as in Hydro a phalus.

Difections in form us, that the force of this direas is chiefly expended on the alimentary



Canal. The misony coat of the Stomach, and Small inteline, are inflamed, Coaquelable lipsoph is thrown out, and thus coals are roflened, thickened and Same Comes ulcarated. The large intestines are seldom much involved, except the dis caso has become chronic and diarrhoed persisted for a length of live, then the large cute, lives exhibit alterations of The mucous Surface, Similar to those already indicated in the small ones. The liver in protracted cases is much inlarged, and Sometimes indurated, and ofayellow as Straw Co Caux, and accasions cey the



Peretoneum lakes an inflam. along action. The liver though much enlarged in a major ity of instances, presents no alteration of Structure, but is murely enlarged or distin= ded by congestion, a State of things originating from Marpor in the portae circus lation. The gace bladder is Same times flaund distended mich a dark green beer & Vice Versa. The other viscora are Sound.

Treatment Caled to a favint labouring under Cholera Infantum the first in dication is to exacual temporary the alimentary conal To do this



Same practitioners Commence much Emelods, but to say the least, it is a dangerous prac= her. Purgalives are mars gin erally prefered, Carlor oce, in mild allook, combined with a drop or less of landanum, will prove adequate to a cure But in more notinh anach, the Whitability of the Stomach much be allayed, before purgatives can heddminis = lered. To do which, Strang Coffee without Sugar or milk in lea & boan fice doses every ten or fifteen minutes is very good, lime water and milk, anodyni ingretions. D' Dever, Speaks



highly of injections of lamman sath, famontation, lo the abdamero, blisters over the legian of he Stomach 86 86 This end being allained we work to burgatives, Calomie is generally prefered, it may ve given alond or in combin nation with magnesia, or 17 hubart, the use of which Should be persevered in, until natural discharges from the lavels are procund. Calome is peculiarly were adaps ted to this disease, from its being with out laste, from its not being apt to produce nausew, and from the Small ness of the dose required to



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produce its effects, it will be relained on the Stomach, when mast other burgatives will be rejected, and from its specif. ie action on the liver, while it corrects the marked acknow of the intestines, it weeks a Sanatus influence over the Syptim, not to be obtained in the same degree nor with the & ame certainly from any other medicino. after the fire op eralian of a purgation, if the child be in pain, or pully much eshausted, anadyno injections are insefull. Some practitioners combined with each dose of Lungative made icino, a small partion of Phium

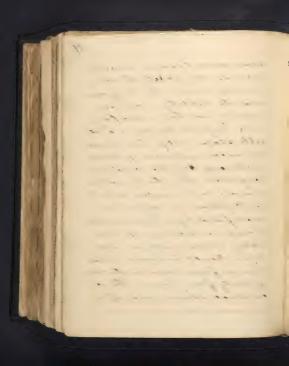


in Substance, or in lineling, it more effectivace, relieves Spasm, and aleans the wilation of the Stamach and Vawees. Where there is much fever attended with great gastre distrefs, much binefit will write from blude ing, or the application of lucker over the region of the Stomach, as if there he much contract exertement, bload should be drawn from the arm or from the temper by lucher Thauld the omitation of the Stamach and bawees contin he, Calamel and opened Shaceld be given in small doses

frequently repeated, much this accasion of



Same mild laxatine to as to wacuare completely the aleminlary canae. This being done and the healthy sceretions Unloved, are that is necessary is to keep the bauelino a Solo while State, mules there should be reaccumulations of belious maller, or of Hepalie looper and conquision, when the samo um. edies are to be resorted to. But if wouldless be exception, as manifested by a frequent and painter discharge of whim walery Stools, anodyne injer him, should be a diministered three or four lines in the caused of wenty four hours. The accasional administration of a



mild Laxation mice be neterary if four accumulations wish. In addition to the about rema eaus the warm back should he added, it equalizes timber a Arrie and determines to the Surface, its effects are not lasting, thereford it should be repeated there or four times a day. Where there is much cutamous insensibility the beneficial effects of the back will be increased by the addition of Same Stimulating Substances Such as the muriate of Sodae mustand or brandy and upon leaving it frictions should be employed)

Blisters are serviceable in any



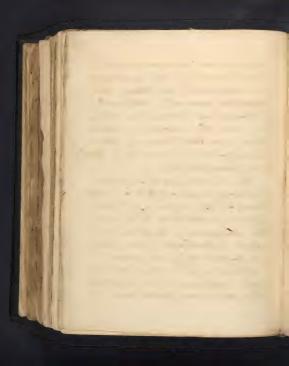
21 Stage of the diverse is the

Elage of the disease, if the distribution of temperatures be unequal, they though, abdomen or extremities, Bliraters over the abdomer where there is a hot burning shim shares he preceded by leach

es & famentations.

This treatment however proving unsurecepture, a combination of sugar of lead,
specacuan has and opium.
The obaginous milium or
what a perhaps better, mea
to better may be given.

Uf ar a few days, or in some instances a week or more the disease puts an



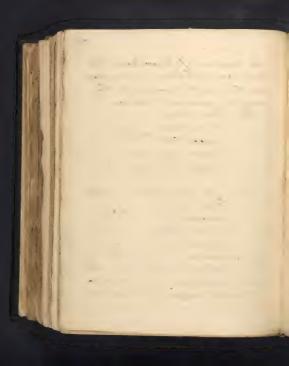
the nature of Dearchoea. The Crela or alkalino preparations are then to be resorted to. They may be given as follows.

PR Crit. Mupo Zup Gum. arab. E aa'gj Lines. Opis gtt x agera Fout zing m.

14 Sal Tack vel Carl Sadyp 9 mm. arab C Saech all any Level Theb. Gt X agna Fant Zij Mr. Domalia Spoon fuce every

two or three haves dime water and milk are also usefue.

Et this Elage of the disease



the preparations of Rhubart may be resorted to much ben. efit. The following formers lar may be given. By Pul. Rhei grxv Cal may 3/ Sachall 31 Tenet opin gt x Clie annis gax Agua Lant Myij M. dore a lea spoon full every three or four hours. Other preparations of Rherbarb are useful, the spiced, or simthe Signif of Rhubart Com-Sined with Landanum Should be given in small doses at Stated intervoes, so as to oblain its lance & astrongent virtues.

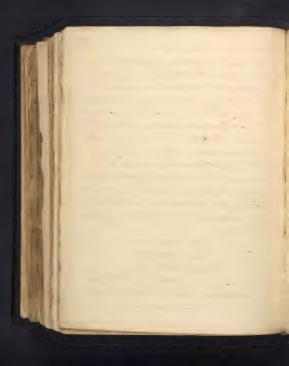


as the disease advances it keermes a colleguation Piwer hoea, hew the samotuat . ment & hould be resarted to, as in the chranic Stage of this disease, in the advanced or middle aged. Cambinations of Chack, with the lineline of Timo, or an infusion of Gaces & Landanem, The Column to in infusion, on infusion of Lagwood, the decortion + Hamogranale back, or flessus, with a small portion of Max Marchata, how wee ( un ad ministered with advantage. The dose of these preparations is the same or nearly so, a lie spoon fully



ary mare according to the age of the Chiese, may be given at Short intervales. A strong imposion of the Dear berry root is much commended. Sa ocharim Saturni, combined a with Opium, may be also a wanta geowely, implayed. The Chalpbace are much used; the best of which a green ally to Profession Bhapman ig the Super Saturated Sulphace of Dean, in the following for mustar

Ry Sul. han 8711
Cleid Sulph gor x
Saeth all 3j
lega Fout by m sone by
Catanue hus becomes meeting,



where we have reason to suspect He patie devangement, or Vieration of the human of the barvels, it may be given in s made doses combined with Ofsermo. Spirits of Temperations under these Circumstances, where the mucous lefour of the lawels ig much disardered, as manifested by a loaded longue and Sliny Stives, has proved highly timefreias, it may he given in dans of from fine to tim or fifteen draps, three, or faur times a day in a little Sweetened water. Un= odyne injections may be wrefire. Lastly a flanne noter around the abotomers,



in related states of the inter-

with benefit.

Meginum. In the commence ment, or a with Elago of the discuss, the Brit Shared consist of breast mick; if the child be weared or mileart lake the breast, let it be fed an Ewestenew mich diturbed, Sweeteness modelago of your anabove, Barley or ries water, reak mint or harsh mallow tea, or local & water

In the advanced slages the favinacious articles may be given, such as Sago, Nie answer and the When externo debility of the stomach and



lawels exist, a little ham, or salt fish may be given But the best remedy is change of air, as long as the child remains exposed to the execting Courses of this disease, it will be almost impass when to effect a radical curo It should be removed to a healthy country seat, which is allinaed much the happiest Consequences in every stage of The disease. When a country residence can not be obtained, rearry it out of the lity once or livice a day wice be highly beneficial. Thus gentlemen have & Completed an efray in Com=

tome Chieber never for We the shorten for bounds by the consiled an epoy

pliance with a regulation of the University, and I submit it to your consideration
carnetty hoping that you
will excuss its brivity as
were as its defects. I how
ever can mat conclude
without tendering to you
individually my walmest
thanks for the valuable
instruction, which I how
veccived by an attendance
on your tectures.

